



PATENT
ATTORNEY DOCKET NO. JHU1590

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jean-Pierre Issa
Application No.: 09/398,522
Filed: September 15, 1999
Title: CACNA1G POLYNUCLEOTIDE, POLYPEPTIDE AND
METHODS OF USE THEREFOR

Commissioner for Patents
Washington, D.C. 20231

Art Unit: 1634
Examiner: J. Goldberg

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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.97, enclosed are references relating to the above-identified application. Five references contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application. The references from the January 16, 2003 SR were cited not more than three months prior to the filing of the information disclosure statement. The remaining references, have not been cited previously. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and copies are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

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CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on April 8, 2003, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231.

Karen LePari
Karen LePari

In re Application of:
Jean-Pierre Issa
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A check in the amount of \$180.00 is being submitted as the references, not cited on the SR and not previously cited, are being filed after the mailing of a Final Action. If any additional fees are required, authorization is hereby given to charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 50-1355.

Respectfully submitted,



Date: April 8, 2003

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Docket No.
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SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT BY APPLICANTFiling Date:
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U.S. PATENT DOCUMENTS

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EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

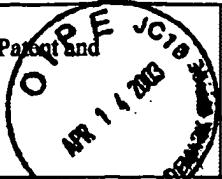
EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

AA	Shen L, et al, "DNA methylation and environmental exposures in human hepatocellular carcinoma", <i>J Natl Cancer Inst</i> , Vol. 94, No. 10, 755-61, May 15, 1994 (Abstract only)
AB	EMBL; "Homo sapiens T-type calcium channel alpha 1 G (CACNA1G) mRNA, partial cds.", <i>Database EBI "Online!"</i> , June 3, 1999 (Database accession no. AF124351 XP-002223698).
AC	"Voltage-dependent T-type calcium channel alpha-1 G subunit (NBR13)", <i>Database EBI "Online!"</i> , July 15, 1999, (Database accession no. 043497 XP-002223697)
AD	Mittman, Scott et al., "Structure and alternative splicing of the gene encoding alphall, a human brain T calcium channel alphal subunit" <i>Neuroscience letters</i> Vol. 269, No. 3, 121-124, July 1999
AE	Toyota, Minoru et al., "Inactivation of CACNA1G, a T-type calcium channel gene, by aberrant methylation of its 5' CpG island in human tumors", <i>Cancer Research</i> , Vol. 59, No. 18, 4535-4541, September 15, 1999

EXAMINER	DATE CONSIDERED

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	AF	Mittman, S. et al., "Structure and alternative splicing of the genes encoding the human brain T Ca2+ channel subunits alpha1g and alpha1l" <i>Society for Neuroscience Abstracts</i> , Vol. 25, No. 1/2, 197, October 1999
	AG	Ueki, Takashi et al., "Hypermethylation of Multiple Genes in Pancreatic Adenocarcinoma", <i>Cancer Research</i> , Vol. 60, 1835-1839, April 1, 2000
	AH	Strathdee, Gordon, et al., "Primary Ovarian Carcinomas Display Multiple Methylator Phenotypes Involving Known Tumor Suppressor Genes", <i>American Journal of Pathology</i> , Vol. 158, No. 3, 1121-1127, March 2001
	AI	Rashid, Asif et al., "CpG Island Methylation in Colorectal Adenomas", <i>American Journal of Pathology</i> , Vol. 159, No. 3, 1129-1135, September 2001
	AJ	On-on Chan, Annie et al., "Concordant CpG Island Methylation in Hyperplastic Polyposis", <i>American Journal of Pathology</i> , Vol. 160, No. 2, 529-539, February 2002

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